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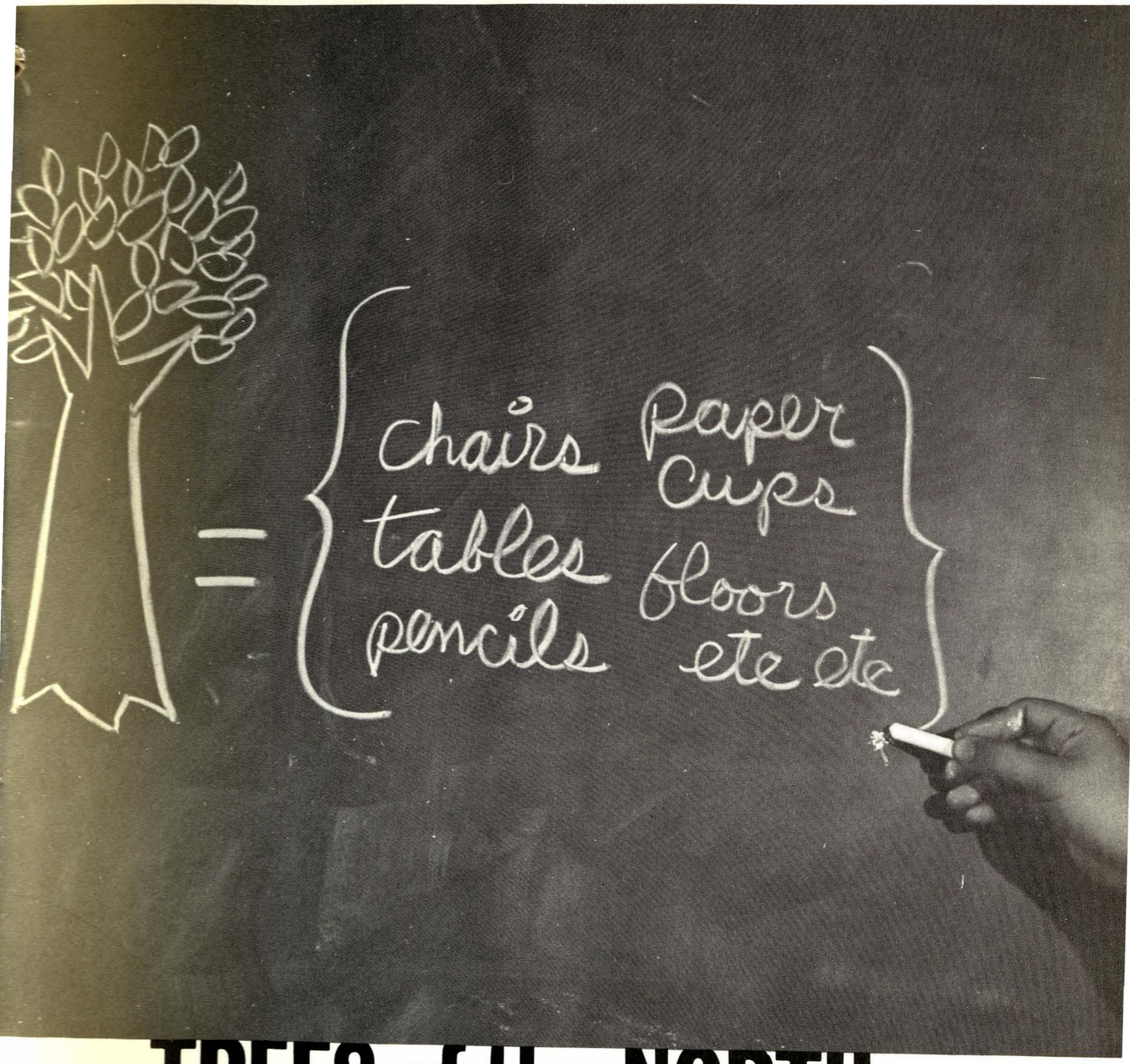

TREES of the NORTH CENTRAL STATES

their distribution and use

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U.S. DEPARTMENT OF AGRICULTURE

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TREES OF THE NORTH CENTRAL STATES:

THEIR DISTRIBUTION AND USES

Helen J. Lewey

FOREWORD

During my 14 years as a Statistical Assistant at the Carbondale field office of the North Central Forest Experiment Station, I have developed considerable interest in the uses of the different trees and shrubs on which I have compiled technical data. Because of the increasing number of people interested in the properties of our forest trees I have compiled a list of the major species found in our Station territory (Illinois, Indiana, Iowa, Minnesota, Michigan, Missouri, and Wisconsin). Although the focus of this report is on trees in these States, some of the species also may be found in adjoining areas.

Throughout history man has found wood indispensable for shelter, for fire to cook food and warm himself, and for weapons. Through years of technological study and research, man has found diverse and sophisticated uses for wood and bark. Transparent films, filaments, fabrics, plastics, and chemicals are a few of the less conventional forms of wood consumption. New industries, such as pulp and paper mills, are being built to meet an increasing demand for paper products.

The ease with which hardwood and softwood species can be worked into a variety of shapes and securely fastened together with simple tools and fasteners make them readily adaptable to many uses. The more important uses are listed in this report prepared as a ready reference for individuals, schools, the wood-using industry, and research organizations. Because there are often many common names for a species, it was generally necessary to select one reference and use it as a guide for the best common name (Little 1953). However, in some instances widely used common names are listed with a reference to the name used by Little.

Ailanthus:
Ailanthus altissima (Mill.) Swingle
Distribution: Illinois and Indiana.
Uses: Ornamental. Originally from China. Wood has the appearance of ash.

Apple:
Sweet crab
Malus coronaria (L.) Mill.
Distribution: Illinois, Indiana, Michigan, Missouri, and Wisconsin.
Uses: Fruit used for jelly.

Hedge (see osage-orange)

Ash:
Biltmore (see white ash)

Black
Fraxinus nigra Marsh.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, and Wisconsin.
Uses: Cabinetwork, interior trim, and basketmaking.

Blue
Fraxinus quadrangulata Michx.
Distribution: Illinois, Indiana, Iowa, Michigan, Missouri, and Wisconsin.
Uses: Moderately important; similar to white ash.

Green
Fraxinus pennsylvanica Marsh.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Similar to white ash.

Pumpkin
Fraxinus profunda **(Bush) Bush**
Distribution: Illinois, Indiana, and Missouri.
Uses: Unimportant.

Red (see pumpkin ash or green ash)

White
Fraxinus americana **L.**
Distribution: Illinois, Indiana, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Tool handles, baseball bats, tennis rackets, furniture, interior trim, boatbuilding, slack and tight cooperage, boxes, crates, agricultural implements, and dairy, poultry, and apiary supplies.

Aspen:
Bigtooth
Populus grandidentata Michx.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Pulp, excelsior, matches, corestock, clothespins, cabin construction, boxes, crates, furniture, general construction lumber, and dairy, poultry, and apiary supplies.

Quaking
Populus tremuloides Michx.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Same as bigtooth aspen.

Baldcypress
Taxodium distichum (L.) Rich.
Distribution: Illinois, Indiana, and Missouri.
Uses: Exterior trim of buildings, greenhouses, planking, boat- and shipbuilding, shingles, posts, poles, crossties, sash, doors, tanks, vats, coffins, silos, boxes, crates, railroad ties, slack cooperage, and tubs.

Basswood:
American
Tilia americana L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Veneer, plywood, corestock, baskets, slack cooperage, excelsior, boxes, crates, sash, trunks, valises, coffins, tubs, kitchen cabinets, handles, shade and map rollers, venetian blind slats, and dairy, poultry, and apiary supplies.

White
Tilia heterophylla Vent.
Distribution: Illinois, Indiana, and Missouri.
Uses: Same as American basswood.

Blue (see American hornbeam)

Beech:
American
Fagus grandifolia Ehrh.
Distribution: Illinois, Indiana, Michigan, Missouri, and Wisconsin.
Uses: Railroad ties, pulp, slack cooperage, flooring, furniture, boxes, crates, fuel, tool handles, ironing boards, clothespins, veneer, and fuel.

Birch:
Paper
Betula papyrifera Marsh.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, and Wisconsin.
Uses: Pulp, lumber, turned articles, veneer, boxes, baskets, furniture, crates, interior trim, butcher blocks, railroad ties, musical and scientific instruments, slack cooperage, tooth picks, and medical tongue depressors.

River
Betula nigra L.
Distribution: Illinois, Indiana, Iowa, Minnesota, Missouri, and Wisconsin.
Uses: Same as paper birch.

Yellow
Betula alleghaniensis Britton
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, and Wisconsin.
Uses: Furniture, flooring, veneer, railroad ties, slack cooperage, musical instruments, and novelties.

Boxelder (see maple)

Buckeye:
Ohio
Aesculus glabra Willd.
Distribution: Illinois, Indiana, Iowa, Michigan, and Missouri
Uses: Boxes, crates, cigar boxes, artificial limbs, woodenware, trunks, valises, plywood, drawing boards, furniture, and plaques for pyrography.

Yellow
Aesculus octandra Marsh.
Distribution: Illinois and Indiana.
Uses: Same as Ohio buckeye.

Buffaloberry:
Silver
Shepherdia argentea (Pursh) Nutt.
Distribution: Iowa, Minnesota, and Wisconsin.
Uses: Ornamental.

Bumelia:
Gum
Bumelia lanuginosa (Michx.) Pers.
Distribution: Illinois and Missouri.
Uses: Unimportant. Produces clear, viscid gum.

Butternut:
Juglans cinerea L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Edible kernel. Substitute for black walnut. Furniture, interior trim, cabinetwork, woodenware, boxes, and crates.

Buttonbush:
Common
Cephalanthus occidentalis L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Contains tannin.

Buttonwood (see sycamore)

Catalpa:
Northern
Catalpa speciosa Warder
Distribution: Illinois, Indiana, and Missouri.

Uses: Fenceposts, rails, interior trim, cabinetwork, lumber, and fuel.

Cherry:
Black
Prunus serotina Ehrh.
Distribution: Illinois, Indiana, Iowa, Minnesota, Missouri, and Wisconsin.
Uses: Furniture, printers' blocks, patterns, professional and scientific instruments, piano actions, interior trim, tool handles, woodenware, gunstocks, veneer, and paneling.

Pin
Prunus pennsylvanica L. f.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Unimportant. Fruit used for jelly.

Chestnut:
American
Castanea dentata (Marsh.) Borkh.
Distribution: Illinois, Indiana, and Michigan.
Uses: Tannin, pulp, poles, fenceposts, railroad ties, slack cooperage, furniture, caskets, boxes and crates, millwork, and plywood. (Most of the chestnut were killed by the blight, *Endothia parasitica*, but the dead trees are still useful.)

Chokecherry:
Common
Prunus virginiana L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Fruit used for jelly.

Coffeetree:
Kentucky
Gymnocladus dioicus (L.) K. Koch
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Ornamental. Fenceposts, crossties, rough construction, furniture, cabinetwork, interior trim, and fuel.

Cottonwood:
Eastern
Populus deltoides Bartr.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Pulp, excelsior, veneer, plywood, lumber, furniture, poultry coops, ironing boards, musical instruments, boxes, crates, tubs, and pails for food products.

Swamp
Populus heterophylla L.
Distribution: Illinois, Indiana, Michigan, and Missouri.
Uses: Same as eastern cottonwood.

Cucumbertree:
Magnolia acuminata L.
Distribution: Illinois, Indiana, Michigan, and Missouri.
Uses: Furniture, venetian blinds, siding, interior trim, sash, doors, boxes, and crates.

Devils-walkingstick:
Aralia spinosa L.
Distribution: Illinois, Indiana, and Missouri.
Uses: Ornamental.

Dogwood:
Flowering
Cornus florida L.
Distribution: Illinois, Indiana, Michigan, and Missouri.
Uses: Ornamental. Shuttles, spools, mallet heads, golfclub heads, bobbin heads, small pulleys, jewelers' blocks, turnpins, and machinery bearings.

Elm:
American
Ulmus americana L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Slack cooperage, boats, basket veneer, boxes, crates, furniture (chair rockers and arms), interior trim, tool handles, saddle trees, and dairy, poultry, and apiary supplies.

Rock
Ulmus thomasii Sarg.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Same as American elm.

September
Ulmus serotina Sarg.
Distribution: Illinois and Missouri.
Uses: Unimportant.

Slippery
Ulmus rubra Mühl.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Same as American elm.

Winged
Ulmus alata Michx.
Distribution: Illinois, Indiana, Missouri.
Uses: Same as American elm.

Fir:
Balsam
Abies balsamea (L.) Mill.
Distribution: Iowa, Michigan, Minnesota, and Wisconsin.
Uses: Pulp, boxes, crates, sash, slack cooperage, general construction lumber, and woodenware.

Hackberry:
Celtis occidentalis L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Furniture, boxes, and crates.

Hawthorn:
Cockspur
Crataegus crus-galli L.
Distribution: Illinois and Missouri.
Uses: Ornamental.

Downy
Crataegus mollis Schelle
Distribution: Illinois, Michigan, and Missouri.
Uses: Mallets and tool handles.

Green
Crataegus viridis L.
Distribution: Illinois, Indiana, and Missouri.
Uses: Edible fruit; used for making jelly.

Hemlock:
Eastern
Tsuga canadensis (L.) Carr.
Distribution: Indiana, Michigan, Minnesota, and Wisconsin.
Uses: Pulpwood, general construction lumber, boxes, crates, sash, doors, cabinets, and trunks.

Hickory:
Bitternut
Carya cordiformis (Wangenh.) K. Koch
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, and Wisconsin.
Uses: Nut is extremely bitter. Furniture, panelings, dowel pins, tool handles, ladders, skis, gymnastic bars, and fuel for smoking meats.

Mockernut
Carya tomentosa Nutt.
Distribution: Illinois, Indiana, Iowa, Michigan, and Missouri.
Uses: Edible nut. Fuel for smoking meats.

Pecan
Carya illinoensis (Wangenh.) K. Koch
Distribution: Illinois, Indiana, Iowa, and Missouri.
Uses: Edible nut. Funiture, paneling, and flooring.

Pignut
Carya glabra (Mill.) Sweet
Distribution: Illinois, Indiana, Iowa, Michigan, and Missouri.
Uses: Tool handles and furniture.

Shagbark
Carya ovata (Mill.) K. Koch
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Edible nut. Furniture, tool handles, and ladders.

Shellbark
Carya laciniosa (Michx. f.) Loud.
Distribution: Illinois, Indiana, Iowa, Michigan, and Missouri.
Uses: Same as shagbark hickory.

Water
Carya aquatica (Michx. f.) Nutt.
Distribution: Illinois and Missouri.
Uses: Bitter nut. Same as bitternut hickory.

Holly:
American
Ilex opaca Ait.
Distribution: Illinois, Indiana, and Missouri.
Uses: Turnings, novelties, furniture, rulers, tool handles, engravings, scroll work, and carvings. Occasionally stained black to imitate ebony for piano keys.

Honeylocust:
Gleditsia triacanthos L.
Distribution: Illinois, Indiana, Iowa, Michigan, Missouri, and Wisconsin.
Uses: Fenceposts, crossties, veneer, furniture, and interior trim.

Hoptree:
Common
Ptelea trifoliata L.
Distribution: Illinois, Indiana, Iowa, Michigan, and Missouri.
Uses: Roots used as a tonic.

Hophornbeam:
Eastern
Ostrya virginiana (Mill.) K. Koch
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Furniture, fenceposts, tool handles, mallets, and fuel.

Hornbeam:
American
Carpinus caroliniana Walt.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, and Wisconsin.
Uses: Tool handles, levers, woodcogs, mallets, wedges, and fuel.

Locust:
Black
Robinia pseudoacacia L.
Distribution: Illinois, Indiana, and Missouri.
Uses: Fenceposts, poles, railroad ties, insulator pins, lumber, boxes, and crates.

Maple:
Black
Acer nigrum Michx. f.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Veneer, furniture, musical instruments, interior trim, bowling pins, flooring, tool handles, boxes, crates, butcher blocks, railroad ties, sash, doors, woodenware, and standard wood in U. S. shear-test blocks.

Boxelder
Acer negundo L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Furniture and woodenware.

Mountain
Acer spicatum Lam.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, and Wisconsin.
Uses: Ornamental.

Red
Acer rubrum L.
Distribution: Illinois, Indiana, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Ornamental.

Silver
Acer saccharinum L.
Distribution: Illinois, Indiana, Iowa, Minnesota, Michigan, Missouri, and Wisconsin.
Uses: Ornamental. Pulpwood; substitute for sugar maple.

Striped
Acer pennsylvanicum L.
Distribution: Illinois, Indiana, Michigan, and Minnesota.
Uses: Ornamental.

Sugar
Acer saccharum Marsh.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Flooring, musical instruments, bowling pins, boxes, crates, veneer, interior trim, and syrup.

Mountain-ash:
American
sorbus americana Marsh.
Distribution: Illinois, Indiana, Michigan, and Wisconsin.
Uses: Ornamental.

Mountain-laurel:
Kalmia latifolia L.
Distribution: Indiana.
Uses: Small tree, ornamental.

Mulberry:
Red
Morus rubra L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Edible fruit. Fenceposts, furniture, caskets, agricultural implements, and slack cooperage.

Nannyberry:
Viburnum lentago L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Ornamental.

Oaks, red:
Black
Quercus velutina Lam.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.

Blackjack
Quercus marilandica Muenchh.
Distribution: Illinois, Indiana, and Iowa.

Cherrybark
Quercus falcata var. *pagodaefolia* Ell.
Distribution: Illinois, Indiana, and Missouri.

Northern pin
Quercus ellipsoidalis E. J. Hill
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.

Northern red
Quercus rubra L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.

Nuttall
Quercus nuttallii Palmer
Distribution: Missouri.

Pin
Quercus palustris Muenchh.
Distribution: Illinois, Indiana, Iowa, Michigan, and Missouri.

Scarlet
Quercus coccinea Muenchh.
Distribution: Illinois, Indiana, Michigan, and Missouri.

Shingle
Quercus imbricaria Michx.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.

Shumard
Quercus shumardii Buckl.
Distribution: Illinois, Indiana, Michigan, and Missouri.

Southern red
Quercus falcata Michx.
Distribution: Illinois, Indiana, and Missouri.

Willow
Quercus phellos L.
Distribution: Illinois and Missouri.

Uses for the red oaks: Railroad ties, railroad cars, wooden parts in motor and nonmotor vehicles, slack cooperage, fenceposts, mine timbers, poles, piling, veneer, furniture, interior paneling, flooring, agricultural implements, ship- and boatbuilding, caskets, boxes, crates, and firewood. Southern red oak bark is rich in tannin.

Oaks, white:
Bur
Quercus macrocarpa Michx.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.

Chestnut
Quercus prinus L.
Distribution: Illinois, Indiana, and Michigan.

Chinkapin
Quercus muehlenbergii Engelm.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.

Overcup
Quercus lyrata Walt.
Distribution: Illinois, Indiana, and Missouri.

Post
Quercus stellata Wangenh.
Distribution: Illinois, Indiana, Iowa, and Missouri.

Swamp chestnut
Quercus michauxii Nutt.
Distribution: Illinois, Indiana, and Missouri.

Swamp white
Quercus bicolor Willd.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.

White
Quercus alba L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.

Uses for the white oaks: Same as red oaks plus tight cooperage.

Osage-orange:
Maclura pomifera (Raf.) Schneid.
Distribution: Illinois, Michigan, and Missouri.
Uses: Archery bows, fenceposts, lumber, fuel, and insulator pins. Yellow dye is extracted from roots.

Pawpaw:
Asimina triloba (L.) Dunal
Distribution: Illinois, Indiana, Iowa, Michigan, and Missouri.
Uses: Ornamental. Edible fruit.

Pecan (see hickory)

Persimmon:
Common
Diospyros virginiana L.
Distribution: Illinois, Indiana, Iowa, and Missouri.
Uses: Edible fruit. Golfclub heads, billiard cues, shuttles, spools, bobbins, boxes, crates, and tool handles.

Pine:
Eastern white
Pinus strobus L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, and Wisconsin.
Uses: Interior trim, patternmaking, matches, signs, pulpwood, caskets, boxes, construction lumber, venetian blinds, and dairy and poultry supplies.

Jack
Pinus banksiana Lamb.
Distribution: Michigan, Minnesota, and Wisconsin.
Uses: Pulpwood, railroad ties, posts, mine timbers, boxes, crates, and fuel.

Loblolly
Pinus taeda L.
Distribution: Introduced by plantations in Illinois, Indiana, and Missouri.
Uses: Same as shortleaf pine.

Red
Pinus resinosa Ait.
Distribution: Illinois, Michigan, Minnesota, and Wisconsin.
Uses: Pulp, railroad ties, poles, posts, construction lumber, boxes, crates, venetian blinds, and interior and exterior trim.

Shortleaf
Pinus echinata Mill.
Distribution: Illinois and Missouri.
Uses: Lumber, flooring, boxes, railroad ties, car siding, poles, posts, pulpwood, excelsior, structural timber, boatbuilding, tanks, silos, woodenware, novelties, and basket veneer.

Virginia
Pinus virginiana Mill.
Distribution: Indiana.
Uses: Pulpwood, fuel, and posts.

Plum:
American
Prunus americana Marsh.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Little commercial use; varies widely in its palatability.

Poplar (see yellow-poplar)

Poplar:
Balsam
Populus balsamifera L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, and Wisconsin.
Uses: Pulpwood, excelsior, furniture (concealed parts), poultry coops, ironing boards, and tubs for food products.

Lombardy
Populus nigra var. *italica* Muenchh.
Distribution: Illinois.
Uses: Ornamental. Form of the European black poplar.

Redbud:
Eastern
Cercis canadensis L.
Distribution: Illinois, Indiana, Iowa, Michigan, and Missouri.
Uses: Ornamental.

Redcedar:
Eastern
Juniperus virginiana L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Cedar chests, closets, interior woodwork, lead pencils, posts, poles, rustic furniture, and novelties.

Sassafras:
Sassafras albidum (Nutt.) Nees
Distribution: Illinois, Indiana, Michigan, and Missouri.
Uses: Lumber (often sold for black ash), oil (used for flavoring tea and candies), fenceposts, rails, wooden pails, and small boats.

Serviceberry:
Downy
Amelanchier arborea (Michx. f.) Fern
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Ornamental. Edible berry. Tool handles.

Silverbell:
Carolina
Halesia carolina L.
Distribution: Illinois and Indiana.
Uses: Ornamental.

Smoketree:
American
Cotinus obovatus Raf.
Distribution: Missouri.
Uses: Ornamental.

Soapberry:
Western
Sapindus drummondii Hook. & Arn.
Distribution: Missouri.
Uses: Unimportant.

Sourwood:
Oxydendrum arboreum (L.) DC.
Distribution: Illinois and Indiana.
Uses: Tool handles, bearings for machinery, and sled runners.

Sparkleberry:
Tree
Vaccinium arboreum Marsh.
Distribution: Illinois, Indiana, and Missouri.
Uses: Edible berry.

Spruce:
Black
Picea mariana (Mill.) B. S. P.
Distribution: Michigan, Minnesota, and Wisconsin.
Uses: Paddles, oars, pulpwood, slack cooperage, interior trim, musical instruments, boatbuilding, furniture, and ladder rails.

White
Picea glauca (Moench) Voss
Distribution: Michigan, Minnesota, and Wisconsin.
Uses: Boxes, crates, sounding boards, construction lumber, pulpwood, slack cooperage, interior trim, musical instruments, boatbuilding, furniture, ladder rails, paddles, and oars.

Sugarberry:
Celtis laevigata Willd.
Distribution: Illinois, Indiana, and Missouri.
Uses: Furniture, interior trim, boxes, and crates.

Sumac:
Staghorn
Rhus typhina L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, and Wisconsin.
Uses: Ornamental.

Swamp-privet:
Forestiera acuminata (Michx.) Poir.
Distribution: Illinois, Indiana, and Missouri.
Uses: Unimportant.

Sweetgum:
Liquidambar styraciflua L.
Distribution: Illinois, Indiana, and Missouri.
Uses: Veneer, lumber, furniture, containers, railroad ties, pulpwood, mine props, boxes, and crates. Storax gum used in drugs and soaps obtained from the bark.

Sycamore:
American
Platanus occidentalis L.
Distribution: Illinois, Indiana, Iowa, Michigan, Missouri, and Wisconsin.
Uses: Slack cooperage, boxes, crates, veneer, cigar boxes, furniture, cabinets, ties, ironing boards, butcher blocks, and fuel.

Tamarack:
Larix laricina (DuRoi) K. Koch
Distribution: Illinois, Indiana, Michigan, Minnesota, and Wisconsin.
Uses: Poles, railroad ties, rough lumber, pulpwood, boxes, crates, pails, and buckets.

Tree of heaven (see Ailanthus)

Tupelo:
Water
Nyssa aquatica L.
Distribution: Illinois and Missouri.
Uses: Veneer, plywood, pulp, furniture, tool handles, platform planking, floors, railroad ties, kitchen cabinets, boxes, crates, ironing boards, clothespins, and dairy, poultry, and apiary supplies.

Black (blackgum)
Nyssa sylvatica Marsh.
Distribution: Illinois, Indiana, Michigan, and Missouri.
Uses: Same as water tupelo.

Walnut:
Black
Juglans nigra L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Edible nut. Furniture, interior trim, cabinet work, veneer, paneling, gunstocks, caskets, woodenware, and novelties.

White (see butternut)

Waterlocust:
Gleditsia aquatica Marsh.
Distribution: Illinois and Indiana.
Uses: Fenceposts and crossties.

White-cedar:
Northern
Thuja occidentalis L.
Distribution: Illinois, Indiana, Michigan, Minnesota, and Wisconsin
Uses: Poles, posts, cabins, pails, tubs, railroad ties, rustic furniture, shingles, boatbuilding, and woodenware.

Willow:
Black
Salix nigra Marsh.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Artificial limbs, veneer, pulpwood, charcoal, boxes, crates, furniture, and slack cooperage.

Peachleaf
Salix amygdaloides Anderss.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Charcoal and woodenware.

Weeping
Salix babylonica L.
Distribution: Illinois and Missouri.
Uses: Ornamental.

Witch-hazel:
Hamamelis virginiana L.
Distribution: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, and Wisconsin.
Uses: Ornamental.

Yellow-poplar:
Liriodendron tulipifera L.
Distribution: Illinois, Indiana, Michigan, and Missouri.
Uses: Cigar boxes, patterns, coffins, plywood, furniture, interior trim, construction lumber, veneer, pulpwood, crates, musical instruments, fruit and berry boxes, toys, and novelties.

Yellowwood:
Cladrastis lutea (Michx. f.) K. Koch
Distribution: Illinois, Indiana, and Missouri.
Uses: Ornamental. Veneer, gunstocks, fuel, and yellow dye.

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